PATENT APPLICATION FEE DETERMINATION RECORD Application or Docket Number Effective December 8, 2004 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) TYPE (Column 2) OR U.8. NATIONAL STAGE FEES SMALL ENTITY RATE FEE BASIC FEE RATE FEE SMALL ENT. = \$ 150 LÀRGE ENT. = \$ 800 BASIC FEE **EXAMINATION FEE** OR BASIO FEE Salisfies PCT Article 83(1)-All other situations = (4) = \$ 50 /\$ 100 EXAM. FEE \$ 100 / \$ 200 U.S. IS ISA = \$ 50/\$ 100 EXAM FEE SEARCH FEE . . All other eltuations = ALL other countries = \$ 200 / \$ 400 SEARCH FEE \$ 250 / \$ 500 SEARCH FEE FEE FOR EXTRA SPEC. PGS. . . minus 100 = /50 ≐ X \$ 125 =TOTAL CHARGEABLE CLAIMS X \$ 250 =minus 20 ≈ | X\$25=INDEPENDENT CLAIMS OR X\$50 =minus 3 = 1 X \$ 100 =MULTIPLE DEPENDENT CLAIM PRESENT OR X \$ 200 =+ \$ 180 = If the difference in column 1 is less than zero, enter "0" in column 2 OR + \$ 360 = TOTAL OR .. TOTAL CLAIMS AS AMENDED - PART II (Column 1) OTHER THAN (Column 2) SMALL ENTITY -(Column 3) CLAIMS OR SMALL ENTITY HIGHEST REMAINING. ENDMENTA NUMBER PRESENT ADDF **AFTER** PREVIOUSLY RATE ADDI-AMENDMENT **EXTRA** TIONAL RATE PAID FOR TIONAL FEE Total Minus FEE X \$ 25 =OR X \$ 50 = independent Minus *** X \$ 100 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR X \$ 200 =+\$180 = OR + \$ 360 = TOTAL ADDIT. TOTAL ADDIT. OR FEE FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER AMENDMENT B PRESENT ADDI-AFTER ADDI-PREVIOUSLY RATE **EXTRA** TIONAL AMENDMENT RATE PAID FOR TIONAL FEE Total FEE Minus ** X \$ 25 = OR X \$ 50 m Independent Minus *** X \$ 100 = OR X \$ 200 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM + \$ 180 = OR + \$ 360 = TOTAL ADDIT. TOTAL ADDIT OR FEE FEE If the entry in column 1 is less than the entry in column 2, write "0" in column 3. # the "Highest Number Previously Paid For" IN THIS SPACE is less than '20', enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '3', enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

FORM PTO-678 (Rev. 02/2005)